

To: Scire, Kayla (Markey)[Kayla_Scire@markey.senate.gov]
From: O'Neil, Kelsey
Sent: Mon 5/23/2016 7:11:46 PM
Subject: RE: Pilgrim Draft EPA Permit

Hi Kayla,

It has really been a treat to work with you and I will miss having you in the Senator's office! I hope you enjoy grad school, if your experience is anything like mine it will go by quickly and you will miss it when it's over! I would love to stay in touch, my personal email is

Ex. 6 - Personal Privacy and cell is **Ex. 6 - Personal Privacy**.

If you connect with Nolan again before you leave, let him know I would be more than happy to have him come in the office and get him up to speed if he is interested. I will reach out to him over the summer either way.

Good luck and have fun!

Best,

Kelsey

Kelsey O'Neil

Congressional Liaison, Community Involvement Coordinator

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From: Scire, Kayla (Markey) [mailto:Kayla_Scire@markey.senate.gov]
Sent: Wednesday, May 18, 2016 3:31 PM

To: O'Neil, Kelsey <Oneil.Kelsey@epa.gov>
Subject: RE: Pilgrim Draft EPA Permit

Hi Kelsey,

I hope all is well. Sorry for missing you this morning & thank you for sending the press release! Christina Pacheco (our Regional Director for this area) or I will reach out if we get any questions.

I'm here until June 2nd and actually trained my replacement today, Nolan O'Brien. I've tried to update him on all things EPA ☺

Here is Nolan's email address: Nolan_obrien@markey.senate.gov. He doesn't technically start until mid-June so there will be a small gap between us but you can feel free to call the office (617-565-8519) and a staffer will be sure to take care of anything EPA related for that gap!

While I'm on the subject of my departure, I want to thank you for being an incredibly reliable, effective and friendly resource. You've helped me navigate *countless* issues during my time with Ed Markey's office and I am positive that your help has made my job much easier!

I wish you the best of luck with everything in the future and if you ever want to get in touch after June 2nd you can reach me at

Ex. 6 - Personal Privacy

I'm sure we'll connect again before my last day but if not, thank you again—it's been so great to work with you and I hope you have a fantastic summer!

Best,

Kayla

Kayla Scire

Senior Aide

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From: O'Neil, Kelsey [<mailto:Oneil.Kelsey@epa.gov>]

Sent: Wednesday, May 18, 2016 9:22 AM

To: Scire, Kayla (Markey)

Subject: Pilgrim Draft EPA Permit

Hi Kayla,

I hope you are doing well! I just left you a voicemail on this and wanted to follow up with the press release. This will be going out this afternoon and the draft permit will be live on the website then as well. If you have any questions just let me know.

Best,

Kelsey

News Release

U.S. Environmental Protection Agency

New England Regional Office

May 18, 2016

Contact: David Deegan, (617) 918-1017

Draft Clean Water Permit for Pilgrim Nuclear Plant Outlines Practices During Plant Shutdown and Beyond

BOSTON –Today, the U.S. Environmental Protection Agency (EPA) and the Massachusetts Department of Environmental Protection (MassDEP) released a draft National Pollutant Discharge Elimination System (NPDES) permit for the Pilgrim Nuclear Power Station in Plymouth, Mass. The draft permit proposes conditions to regulate the intake of cooling water and the discharge of heat and other water pollutants prior to the plant shutdown as well as after the shutdown, during the plant decommissioning process.

EPA is accepting public comments on the draft permit for 62 days.

The permittee, Entergy Nuclear Generation Company (Entergy), owns and operates the power plant, a 670 megawatt (MW) electricity generating station adjacent to Cape Cod Bay. The facility occupies approximately 140 acres and is located on the western shore of Cape Cod Bay, occupying one mile of continuous shoreline frontage. Commercial operation of the station began in December 1972, when the facility was owned by Boston Edison Company. In 1999, Entergy assumed ownership of the facility.

The Pilgrim Nuclear Power Station's existing NPDES permit was issued in 1991 and regulates

the facility's withdrawal of water from Cape Cod Bay for cooling purposes, as well as the discharge of pollutants to Cape Cod Bay through a variety of wastewater streams. Wastewater regulated by the permit consists of condenser non-contact cooling water, thermal backwash water for bio-fouling control, intake screen wash water, plant service cooling water, neutralizing sump waste, demineralizer reject water, and station heating water. Additionally, there are five stormwater outfalls, which discharge stormwater runoff as well as stormwater that has accumulated in various electrical vaults around the property.

The draft permit contains effluent limitations and conditions for each of the outfalls as well as conditions regarding the water withdrawal from Cape Cod Bay by the facility's Cooling Water Intake Structure (CWIS). The intake requirements are consistent with a 2014 EPA Rule which regulates CWISs under the Clean Water Act (CWA) at existing facilities such as PNPS. To satisfy the CWA, the location, design, construction, and capacity of the facility's CWIS must "reflect the best technology available for minimizing adverse environmental impact." The operation of CWISs can cause or contribute to a variety of adverse environmental effects, such as killing or injuring fish larvae and eggs entrained in the water withdrawn from a water body and sent through the facility's cooling system, or by killing or injuring fish and other organisms by impinging them against the intake structure's screens. In addition, the permit contains thermal discharge limits which are designed to assure the protection and propagation of a balanced, indigenous population of shellfish, fish, and wildlife in and on the water.

On Oct. 13, 2015, Entergy announced plans to cease electricity generation operations at the plant no later than June 1, 2019. Entergy has advised EPA that some discharges and water withdrawals, though significantly reduced, will continue after the termination of electricity generation. Therefore, the draft permit has established permit limits that reflect post-shutdown operations and discharges as appropriate.

The draft permit is available for public review and comment. Any comments or other information for the formal public record must be submitted by July 18, 2016.

To review the draft permit, go to: <http://www.epa.gov/region1/npdes/mass.html>

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